Application Success Stories

G & L Oberflächenbeschichtung GmbH
Job Coating

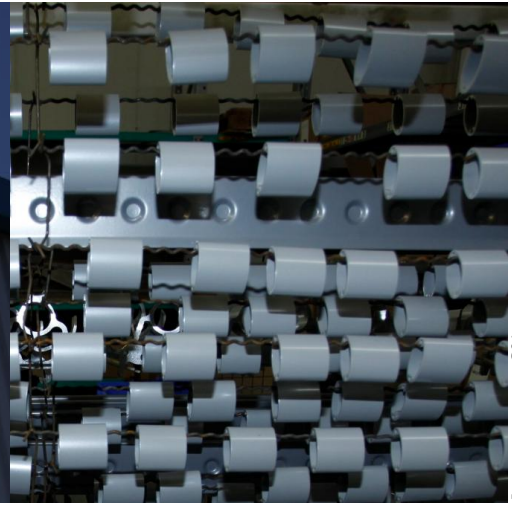

Image sources : G&L

Set-up Time Optimization

Powderconsumption Reduction

Constant Quality

Application Success Stories

Technical Data Retrofit

Project spezification: Max. Height 2’500 [mm]
Max. Width 1’000 [mm]

Conveyor speed: 2.5 [m/min]

Retrofit MultiColor System:

16 x OptiSpray All-in-One CG26-CP Application pumps
2 x OptiStar® 4.0 CG24-CP Gun controls
2 x OptiSpray AP02 Application pumps
16 x OptiGun® GA04-P Automatic guns
16 x SuperCorona ring for GA04
2 x OptiSelect® Pro GM04 Manual guns
2 x SuperCorona rings for GM04
1 x OptiCenter® All-in-One OC11 Powder management with DualSpeeder Technology
1 x MagicControl 4.0 System control with GemaConnect® Dashboard
2 x ZA07-18 Vertical reciprocator
2 x XT10-10 Horizontal axes

Image sources : G&L

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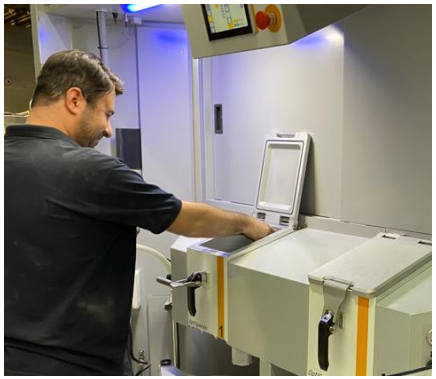

Image sources : G&L

As part of a retrofit project at the job coater G&L Oberflächenbeschichtung GmbH, an OptiCenter All-in-One OC11 was successfully integrated into the existing system, containing new application-, control- and automation technology. The aim was to optimize the old automatic powder coating process.
Particularly noteworthy is the very short conversion period during which the project was completed – a result of the excellent and cooperative partnership with the customer.

The result:

- increased productivity through optimized powder supply and fastest color change
- more consistent coating quality and reproducible results thanks to Gema's OptiSpray All-in-One dense phase technology
- reduced powder consumption
- higher process reliability in automatic powder coating

This project demonstrates once again how existing systems can be efficiently modernised and sustainably improved through a focused retrofit.

A big thank you to G&L for their trust and the excellent collaboration.